

## Claims

[c1] What is claimed is:

1. A method for preventing galvanic corrosion associated with a fastener of a first metal type and an orifice in a second metal type and for receiving said fastener, said method comprising:  
coating at least a portion of the fastener adapted to contact said second metal type with at least one corrosive inhibitor; and  
coating at least one of said corrosive inhibited portion of said fastener and at least a portion of the orifice with an anaerobic composition that expands after said corrosive inhibited portion of said fastener is at least partially inserted into said orifice.

[c2] 2. The method of Claim 1, wherein said fastener is removable from said orifice responsively to at least one of a specific torque and a heat.

[c3] 3. The method of Claim 1, wherein said anaerobic composition consists essentially of aromatic dimethacrylate ester.

[c4] 4. The method of Claim 1, wherein said anaerobic com-

position consists essentially of hydroxyalkyl methacrylate.

- [c5] 5.The method of Claim 1, wherein said anaerobic composition consists essentially of bisphenol A fumarate resin.
- [c6] 6.The method of Claim 1, wherein said corrosive inhibitor consists essentially of molybdenum disulfide.
- [c7] 7.The method of Claim 1, wherein said first metal type is one of an anodic compound and cathodic compound.
- [c8] 8.The method of Claim 7, wherein said second metal type is another of said anodic compound and cathodic compound.
- [c9] 9.The method of Claim 1, wherein said first metal comprises a cathodic compound.
- [c10] 10.The method of Claim 9, wherein said second metal comprises an anodic compound.
- [c11] 11.The method of Claim 1, wherein said first metal comprises steel.
- [c12] 12.The method of Claim 11, wherein said second metal is an anodic compound.
- [c13] 13.The method of Claim 11, wherein said second metal

comprises aluminum.

- [c14] 14.The method of Claim 1, wherein said first metal and second metal are suitable for forming a galvanic couple.
- [c15] 15.A system for reducing galvanic corrosion associated with fastener of a first metal type and an orifice in a second metal type and for receiving said fastener, said system comprising:
  - a corrosive inhibitor coating at least a portion of the fastener adapted to contact said second metal type; and
  - an anaerobic composition interposed between said corrosive inhibited portion of said fastener and orifice, and adapted to expand after said corrosive inhibited portion of said fastener is inserted into said orifice.
- [c16] 16.The system of Claim 15, wherein said fastener is removable from said orifice responsively to at least one of a specific torque and a heat.
- [c17] 17.The system of Claim 15, wherein said anaerobic composition consists essentially of aromatic dimethacrylate ester.
- [c18] 18.The system of Claim 15, wherein said anaerobic composition consists essentially of hydroxyalkyl methacrylate.

- [c19] 19.The method of Claim 15, wherein said anaerobic composition consists essentially of bisphenol A fumarate resin.
- [c20] 20.The method of Claim 15, wherein said corrosive inhibitor consists essentially of molybdenum disulfide.
- [c21] 21.The system of Claim 15, wherein said first metal type is anodic and said second metal type is cathodic.
- [c22] 22.The method of Claim 15, wherein said locking device comprises steel.
- [c23] 23.The system of Claim 15, wherein said orifice is formed in a material comprising aluminum.
- [c24] 24.The system of Claim 1, wherein said first and second metal type are suitable for forming a galvanic couple.